

WHAT IS CLAIMED IS:

1. A method for removing acid from an aprotic, organic liquid, said method comprising contacting said liquid with an acid collector, wherein the acid collector comprises a polyalkyleneimine applied on a support.
2. A method according to claim 1, wherein the acid collector comprises polyethyleneimine.
3. A method according to claim 1, wherein said support comprises an inorganic oxide.
4. A method according to claim 3, wherein said support comprises silicon dioxide.
5. A method according to claim 4, wherein said support is amorphous silicon dioxide.
6. A method according to claim 1, wherein said liquid is an aprotic, fluorinated organic liquid.
7. A method according to claim 6, wherein said aprotic fluorinated organic liquid comprises a fluorinated ester substituted by at least one fluorine atom.
8. A method according to claim 7, wherein the fluorinated ester is selected from the group consisting of fluorinated carboxylate esters, acetate esters, propionate esters, phosphate esters, phosphonate esters and phosphinate esters.

9. A method according to 1, said aprotic organic liquid is an electrolyte solvents.

10. A method according to claim 9, wherein said aprotic organic liquid is an electrolyte which contains conducting salt and electrolyte solvents.